

ABSTRACT OF THE DISCLOSURE

DNA extracted from a blood sample by a DNA
extractor is provided to a reactor. The reactor makes
a hybridization reaction between a DNA microarray on
5 which a plurality of different types of DNA probes are
arranged in a predetermined order, and the extracted
DNA. A hybridization pattern is formed on the reacted
DNA microarray. An authentication certificate is
issued by directly attaching the reacted DNA microarray
10 obtained in this way. Alternatively, an authentication
certificate is issued by reading the hybridization
pattern by a reader, and recording the read pattern as
magnetic/digital information.